

### ABSTRACT OF THE DISCLOSURE

Radio apparatus is capable of quantitatively evaluating the improvement in the quality of received signals. A receiving circuit selects the evaluation mode in a mode selection circuit and transfers demodulated digital signals to an error generator. The digital signals are inverted in level by an Ex-OR gate circuit, using a predetermined timing supplied from a counter, to define an error condition, to transmit digital signals containing error data via a mode selection circuit to a error detector and a data register following thereto. The error data are periodically appended to the digital signals, which are in turn reproduced under a stable receiving state insusceptible of errors in order to quantitatively evaluate the extraneous sound suppressing effect of the receiving circuit.